

1 ABSTRACT OF THE DISCLOSURE

 A system for mobile communication, based on
code division multiple access includes base stations,
each of which communicates with mobile stations by
5 using a plurality of radio frequencies covering
respective cells, the respective cells including a
first cell covered by a first radio frequency and a
second cell covered by a second radio frequency. The
system further includes a base-station controller which
10 communicates with the base stations, and controls the
mobile stations to switch from the first cell of a
first base station to the first cell of a second base
station via a soft hand-off operation and switch
between the first cell and the second cell within any
15 base station via a hard hand-off operation, the base-
station controller providing the mobile stations with
no direct switch between the second cell of the first
base station and the second cell of the second base
station.

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